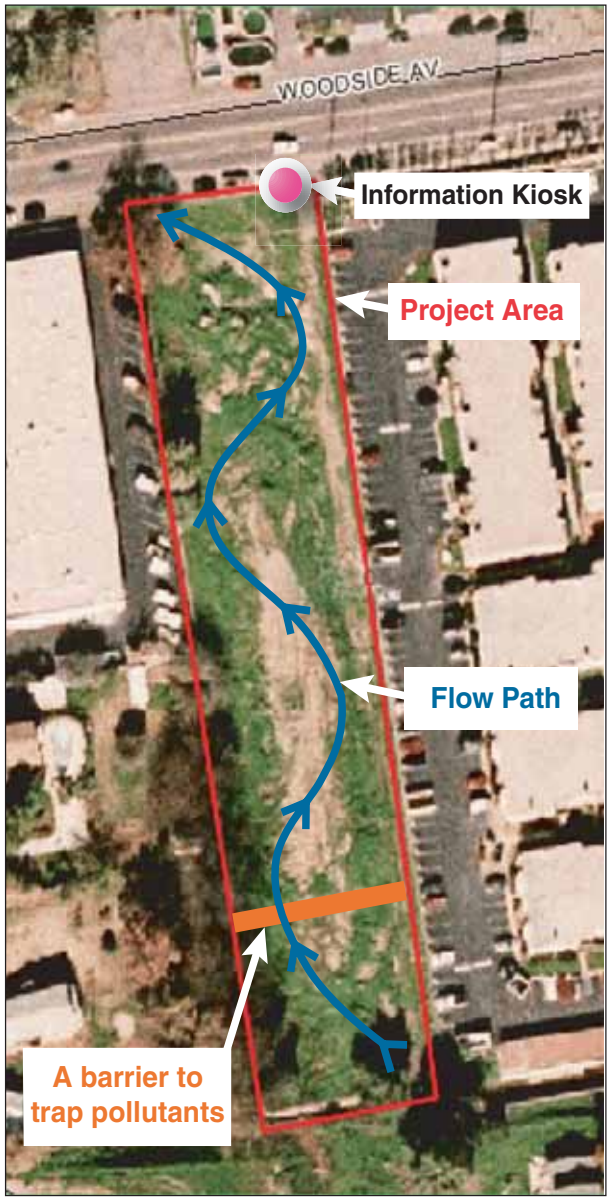

CONCEPT: Water entering the basin is slowed by a barrier to trap heavy pollutants, and vegetation helps remove smaller pollutants. The runoff exiting the basin becomes cleaner than the water entering it.

POLLUTANTS found in urban runoff include: trash, sediment, pet waste, herbicides, pesticides, oil, and grease. Since water that enters the storm drain system is not treated in San Diego, trash and pollutants that are washed into gutters are discharged directly into the rivers and then the ocean.

This water quality basin is designed to help remove these pollutants. ***You*** can help protect our natural resources for future generations!

Get Involved!

To learn more about volunteer opportunities in the San Diego River Watershed, visit the San Diego River Park Foundation's website:

www.sandiegoriver.org

WOODSIDE AVENUE WATER QUALITY BASIN

The County of San Diego

and the

State Water Resources Control Board

WOODSIDE AVENUE WATER QUALITY BASIN

BACKGROUND: In 2003, the County of San Diego received a voter-supported Proposition13 grant from the State Water Resources Control Board to construct a water quality detention basin. This basin is designed to remove pollutants from water on the south side of Woodside Avenue.

BEFORE: Urban runoff and pollutants from the hills of Winter Gardens flowed under Woodside Avenue and State Route 67 to the San Diego River.

AFTER: The dirt and debris have been removed and a barrier has been built to trap heavy pollutants. The bottom of the water quality basin is now sloped so that more water soaks in and is naturally filtered by the soil. Finally, native vegetation has been planted for stabilization.

San Diego River Watershed Map courtesy of San Diego River Park Foundation.

MONITORING: The County installed monitoring equipment to take samples of water entering and leaving the basin. Preliminary results show that amounts of some pollutants such as total metals, phosphorus, and nitrate are lower leaving the basin. This indicates that the basin may be improving the quality of water entering Los Coches Creek and the San Diego River. Additional data collection and analysis are being conducted.